


CLAIMS



1. A plant freshness-keeping composition comprising at least one surfactant (A) selected from a sugar derivative-based surfactant and sugar alcohol derivative-based surfactant and at least one selected from the group consisting of a sugar (B), a plant hormone (C), an aging inhibitor (D), an aggregating agent for colloidal particles (E) and a germicide, fungicide and preservative (F).

2. The composition as claimed in Claim 1, wherein the ratio of (A)/(B) by weight is 0.00001 to 2.0; the ratio of (A)/(C) by weight is 0.0002 to 10000; the ratio of (D)/(A) by weight is 0.0002 to 1000; the ratio of (A)/(E) by weight is 0.0002 to 1000; or the ratio of (A)/(F) by weight is 0.00001 to 200.

3. The composition as claimed in Claim 1, wherein a hydrophobic group is bound via a glycoside linkage to the sugar or sugar alcohol in the component (A).

4. The composition as claimed in Claim 1, wherein a hydrophobic group is bound via an ester linkage to the sugar or sugar alcohol in the component (A).

5. The composition as claimed in Claim 1, wherein a hydrophobic group is bound via an amide linkage to the sugar or sugar alcohol in the component (A).

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6. A method of preserving a plant with keeping the freshness thereof, which comprises applying an effective amount of the composition as defined in Claim 1 to the plant.

Sub B3
7. Use of the composition as defined in Claim 1 for preserving a plant with keeping the freshness thereof by application onto the plant.

8. The composition as claimed in Claim 1, wherein the sugar (B) is at least one selected from a monosaccharide, oligosaccharide and polysaccharide.

9. The composition as claimed in Claim 1, wherein the plant hormone (C) is at least one selected from auxins, cytokinins, gibberellins and brassinosteroids.

10. The composition as claimed in Claim 1, wherein the aging inhibitor (D) has at least an ability to impede biosynthesis of ethylene or to suppress the action of ethylene.

11. The composition as claimed in Claim 1, wherein the aggregating agent for colloidal particles (E) has at least the action of aggregating or precipitating colloidal particles exerting an adverse action on plants.

12. The composition as claimed in Claim 1, wherein the germicide, fungicide or preservative (F) has at least a germicidal action, a

fungicidal action, an antibacterial action or a bacteriostatic action.

add C1
add D5